

## NOx Budget Trading Program - Early Reduction Credit Request

This form should be used to request NOx allowances for early reductions under 326 IAC 10-4-15 for the ozone control periods 2001 through 2003. This form must be submitted to IDEM, OAQ by October 31 of the year in which the NOx emissions reductions were achieved.

Source Information	
Source name:	
ORIS/Facility Code (if known):	
Authorized Account Representative:	
Telephone number:	
Fax number:	
Email address (optional):	

Unit Information				
Unit Identification:				
Was the emission reduction required by Indiana's SIP, Indiana law, Indiana rule, or otherwise required by the Clean Air Act?	Yes		No	
Did the emissions reduction occur between May 1 and September 30?	Yes		No	
Did the unit monitor NOx emissions in accordance with 40 CFR 75, Subpart H and 326 IAC 10-4-12 in:	Yes		No	
(a) The ozone control period (OCP) prior to the OCP for which ERC is requested?	Yes		No	
(b) The OCP for which ERCs are requested?	Yes		No	
Was the unit's percent monitor data availability equal to or greater than 90% in the OCP prior to the OCP for which ERCs are requested?	Yes		No	
Were there any instances where data substitution methods had to be used?	Yes		No	
Were the emissions reductions quantified according to 40 CFR 75, Subpart H?	Yes		No	
Was the unit in compliance with all state and federal NOx emissions or emissions-related requirements during the OCP for which ERCs are requested?	Yes		No	
Please provide a description of any state or federal NOx emissions or emissions-related requirements (e.g. Acid Rain limits, 0.86 lb/mmBtu)				

Early Reduction Credit Information	
1. What was the actual average NO <sub>x</sub> emission rate in the OCP prior to the OCP for which ERCs are requested (lb/mmBtu)*?	
2. What was the average NO <sub>x</sub> emission rate in the OCP in which ERCs are requested (lb/mmBtu)*?	
3. Difference between NO <sub>x</sub> emission rates (2 - 1).	
4. What was the unit's heat input for the OCP for which ERCs are being requested (mmBtu)*?	
5. Number of NO <sub>x</sub> allowances being requested (see below).	

\* Please provide CEMs data for the heat input and NO<sub>x</sub> emission rate in the ozone control period prior to the ozone control period for which ERCs are being requested and the ozone control period for which ERCs are being requested. The information may be provided electronically via computer diskette.

Description of Measures Used to Reduce NO <sub>x</sub> Emission Rate

Please provide a description of what measures were used to reduce the NO<sub>x</sub> emission rate such as, add-on controls (indicate what type, SCR, SNCR, etc.), fuel switching or blending, water injection, combustion optimization (including, but not limited to, coal mill and coal conditioner improvements, excess air control, elimination of air inleakage, lowering of forced draft intake air temperatures, coal burner repairs, cyclone repairs, damper adjustments and operator education and awareness), etc.

Certification
Authorized account representative
"I am authorized to make this submission on behalf of the owners and operators of the NO <sub>x</sub> budget sources or NO <sub>x</sub> budget units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment."
Signature:
Printed Name:
Date:

$$\text{Allowances} = \frac{\text{HI} \times (\text{ER}_2 - \text{ER}_1)}{2000\text{lb} / \text{ton}}$$

Where: Allowances = NO<sub>x</sub> allowances requested

HI = Heat input in OCP for which ERCs are requested

ER<sub>1</sub> = NO<sub>x</sub> emission rate in OCP prior to OCP for which ERCs are requested

ER<sub>2</sub> = NO<sub>x</sub> emission rate in OCP for which ERCs are requested

The department shall allocate NO<sub>x</sub> allowances from the compliance supplement pool, to NO<sub>x</sub> budget units meeting the requirements of 326 IAC 10-4-15(b)(1), in accordance with the following procedures:

1. Upon receipt of each early reduction credit request, the department shall accept the request only if the requirements of 326 IAC 10-4-15(b)(1)(B) through (D) and (F)(ii) are met and, if the request is accepted, shall make any necessary adjustments to the request to ensure that the amount of the early reduction credits requested meets the requirement of 326 IAC 10-4-15(b)(1)(B) through (D).
2. If the compliance supplement pool has an amount of NO<sub>x</sub> allowances equal to or greater than the number of early reduction credits in all accepted early reduction credit requests for any year in 2001 through 2003, as adjusted under (1), the department shall allocate to each NO<sub>x</sub> budget unit covered by the accepted requests one (1) allowance for each early reduction credit requested, as adjusted under (1).
3. If the compliance supplement pool has an amount of NO<sub>x</sub> allowances less than the number of early reduction credits in all accepted early reduction credit requests for any year in 2001 through 2003, as adjusted under (1), the department shall allocate NO<sub>x</sub> allowances to each NO<sub>x</sub> budget unit covered by the accepted requests according to the formula:

A NO<sub>x</sub> budget unit's allocated ERCs = ((NO<sub>x</sub> budget unit's adjusted ERCs) ÷ (total adjusted ERCs requested by all NO<sub>x</sub> budget units)) × (available NO<sub>x</sub> allowances from the compliance supplement pool) where:

(A) A NO<sub>x</sub> budget unit's adjusted ERCs is the number of ERCs for the unit for any year in 2001 through 2003 in accepted ERC requests, as adjusted under (1).

(B) Total adjusted ERCs requested by all NO<sub>x</sub> budget units is the number of ERCs for all NO<sub>x</sub> budget units for any year in 2001 through 2003 in accepted ERC requests, as adjusted under (1).

(C) Available NO<sub>x</sub> allowances from the compliance supplement pool is the number of NO<sub>x</sub> allowances in the compliance supplement pool and available for ERCs for 2001 through 2003.

The total number of NO<sub>x</sub> allowances available from the compliance supplement pool will not exceed 19,915 tons of NO<sub>x</sub>. No more than fifty percent (50%) of the compliance supplement pool (9,958 tons) will be allocated in 2003 for early reductions implemented in 2001 and 2002. The remainder of the compliance supplement pool (9,957 tons) will be allocated in 2004 for early reductions implemented in 2003 and any demonstrations of need. Any NO<sub>x</sub> allowances that remain in the compliance supplement pool after the 2005 ozone control period will be retired.

By March 31 of the calendar year following the ERC request, IDEM will submit to U.S. EPA the NO<sub>x</sub> allowances allocations determined according to the above.